

#77, REGIONAL SMART FARE CARD

<p>LOCATION: CDTA Service Area DESCRIPTION: System support, hardware & software, on-board components including fareboxes, communications infrastructure and media sales support. Would be used on CDTA, the NX, and potentially Glens Falls Transit and other Private commuter service in the area. CATEGORY: ITS COST: \$11.0 M LIFE: 10 Year SPONSOR: CDTA CURRENT CONDITION: Fares collected through Cash or Swiper Cards FUNCTIONAL CLASS: N/A AADT: N/A ON PRIORITY NETWORK(S): Transit</p>	<table border="1"> <thead> <tr> <th>BENEFIT/COST RATIO</th> <th>3.5</th> </tr> </thead> <tbody> <tr> <td>TOTAL BENEFITS (\$k/yr)</td> <td>\$5,228</td> </tr> <tr> <td>SAFETY</td> <td>\$448</td> </tr> <tr> <td>TRAVEL TIME</td> <td>\$804</td> </tr> <tr> <td>OPERATING/ENERGY*</td> <td>\$0</td> </tr> <tr> <td>ENERGY/USER</td> <td>\$1,901</td> </tr> <tr> <td>LIFE CYCLE VALUE</td> <td>\$951</td> </tr> <tr> <td>OTHER</td> <td>\$1,124</td> </tr> <tr> <td>ANNUALIZED COST (\$k/yr)</td> <td>\$1,495</td> </tr> </tbody> </table>	BENEFIT/COST RATIO	3.5	TOTAL BENEFITS (\$k/yr)	\$5,228	SAFETY	\$448	TRAVEL TIME	\$804	OPERATING/ENERGY*	\$0	ENERGY/USER	\$1,901	LIFE CYCLE VALUE	\$951	OTHER	\$1,124	ANNUALIZED COST (\$k/yr)	\$1,495
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<p>CONGESTION RELIEF: CDTA ridership will likely increase, because the proposed project makes existing and planned services more attractive and popular. VMT reduced by 2,700,418. AIR QUALITY BENEFIT: Air Quality will be improved if CDTA experiences an increase in ridership. Volatile organic compounds reduced by 1,080 KG/year and NOx reduced by 1,404 KG/year. ENVIRONMENTAL MITIGATION: N/A REGIONAL SYSTEM LINKAGE: This project has the potential to and has the ability to seamlessly connect nearby transit services.</p>																			
<p>LAND USE COMPATIBILITY (PLANNED OR EXISTING): CDTA's Strategic Business Plan CONTRIBUTION TO COMMUNITY OR ECONOMIC DEVELOPMENT: The technology would allow the pursuit of new business arrangements w/institutions and employers who wish to promote transit use. ENVIRONMENTAL JUSTICE: N/A BUSINESS OR HOUSING DISLOCATIONS: N/A</p>																			
<p>FACILITATES: BICYCLING – Not directly WALKING – Not directly</p>	<p>TRANSIT USE – Y: easier fare payment GOODS MOVEMENT – N/A INTERMODAL TRANSFERS – Y: transit/ped</p>																		
<p>SPONSOR PRIORITY: 8 of 14 SCREENING ISSUES: None OTHER CONSIDERATIONS: None</p>																			

*includes gasoline usage and ownership costs